[Upgrade to Revision] Renesas Flash Programmer V3.24.00

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Rev.1.00
Jul. 20, 2026

Outline

Renesas Flash Programmer, a software tool for programming flash memory, has been updated from V3.23.00 to V3.24.00. For an overview of the product, refer to the link below.

https://www.renesas.com/rfp

1. Description

The main changes are as follows. Refer to the release note for details.

(This note is applicable as of July 21.)

https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#document

1.1 Addition of Supported Devices

- RH850 Family

Product	Part number
RH850/U2C8	R7F702600, R7F702600A

1.2 New features

- -cr command for the rfp-cli

  Applies to: RA4E1, RA4M2, RA4M3, RA6E1, RA6M4, RA6M5, RA6T2

  In the command-line software rfp-cli, manual execution of challenge and response authentication is now supported using the -cr command when connecting to the target devices listed above. When this option is specified, the challenge value is displayed, and authentication is performed by entering a response value provided by the user. Note that when this option is specified, the authentication code specified by the -auth option is ignored.

- Support for the E2 emulator Lite with RH850 MCUs

  Applies to: RH850

  For the RH850 Family, memory programming via the E2 emulator Lite is now supported. Note that when using the E2 emulator Lite, only the UART interface is supported.

- -run-user-image command for the rfp-cli

  Applies to: RA6W1, RA6W2

  In the command-line software rfp-cli, a command has been added to download user-created program data when connecting to the target devices listed above.

1.3 Function improvements and Changes

- Support for programming of external flash memory mounted on EK-RA6M3, EK-RA6M4 and EK-RA6M5

  Applies to: MX25L25645G, MX25LM51245GM

  Erasure and programming can now be performed for the external flash memory devices listed above. This feature is supported only when the SWD interface is used. In addition, erasure, programming, and read operations cannot be performed when the target device is in non-secure state.

- -writebit and -wite32 commands for the rfp-cli

  Previously, when using the -writebit or -write32 command in the command-line software rfp-cli, they could only be executed as standalone operations; however, they can now be specified together with other operations.

- Support for chip erase on RA6W1 and RA6W2 devices

  Applies to: RA6W1, RA6W2

  Chip erase is now supported for the above target devices.

- Erase operation when the [Erase Chip] option is selected

  Applies to: DA

  When "Erase Chip" is selected in the GUI erase options, the same operation as "Erase All Blocks" is executed.

- Updating of the USB driver for E2 emulator and E2 emulator Lite

  A new version of the USB driver for the E2 emulator and E2 emulator Lite has been released. This driver resolves an issue in which, due to the Windows driver policy change in April 2026, the USB driver for Renesas emulator products could not be loaded correctly on the host machine, preventing the emulator from being used.

  Please install and use the latest versions of the integrated development environment and flash programming software. Older versions may not operate correctly. For details of this issue, please refer to the tool news below.

  [Notes]Renesas Emulator and Flash Memory Programmer Products with a USB Interface Notice Regarding Changes to Windows Driver Policy

2. Updating the Product

Download and install the latest Renesas Flash Programmer from the link below.

(V3.24.00 is available as of July 21.)

https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#download

3. Purchasing the Product

Contact your local Renesas Electronics sales office or distributor and inform them of the product information.

For product price, contact the sales office or distributor.

For product names and orderable part numbers, refer to the link below.

https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#tab-release-information

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jul.20.26	-	First edition issued

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